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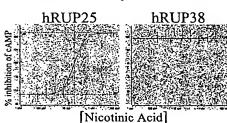
[Continued on next page]

(54) Title: BENZOTRIAZOLES AND METHODS OF PROPHYLAXIS OR TREATMENT OF METABOLIC-RELATED DIS-**ORDERS THEREOF** 

#### Screening Data for Nicotinic Acid and 1-Isopropyl-1H-Benzotriazole-5-Carboxylic Acid in cAMP Assays



(MW=123.11g/mole)







[1-Isopropyl-1H-Benzotriazole-5-Carboxylic Acid]

(57) Abstract: The present invention certain benzotriazole to carboxylic acid or ester derivatives of Formula (I), pharmaceutically acceptable salts and solvates thereof, which exhibit useful pharmaceutical properties, for example, as agonists for the GPCR referred to as hRUP38. Also provided by the present invention pharmaceutical compositions containing compounds of the invention, and methods of using the compounds and compositions of the invention in the prophylaxis or treatment of metabolic-related disorders, including dyslipidemia, atherosclerosis, coronary heart disease, insulin resistance, type 2 diabetes, Syndrome-X and the like. In addition, the present invention also provides for the use of the compounds of the invention in combination with other active agents such as those belonging to the class of -glucosidase inhibitors, aldose reductase inhibitors, HMG-CoA reductase biguanides, inhibitors, squalene synthesis inhibitors, fibrates, LDL catabolism enhancers. angiotensin converting enzyme (ACE) inhibitors, secretion enhancers and the like.



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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/4192 A61P3/00 C07D249/18 C07D405/06 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) C07D A61K A61P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ EP 0 794 184 A (DAINIPPON PHARMACEUTICAL 1,4-8,12CO) 10 September 1997 (1997-09-10) Formula (III) wherein R2a is ethyl page 7, line 15 - line 30 EP 1 247 810 A (PFIZER PROD INC) 1 - 25Α 9 October 2002 (2002-10-09) claim 1 Further documents are listed in the continuation of box C. Patent family members are listed in annex. \* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but 'A' document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 31 March 2004 13/04/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswljk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Johnson, C Fax: (+31-70) 340-3016



International application No. PCT/US 03/35427

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 20-22 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
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3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
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Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

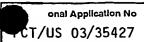
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